

CLAIMS

- [1] An extrusion molding apparatus for a resin multi-layer tube, comprising a plurality of extruders (6, 7) for thermally melting and extruding resins (3, 4) of different kinds, and a die (11) formed with an inner layer tube molding passage (9) for passing therethrough the resin (3) extruded from one extruder (6) of these extruders (6, 7) to enable the molding of an inner layer tube (2a), and an outer layer tube molding passage (10) for passing therethrough the resin (4) extruded from the other extruder (7) to enable the molding of an outer layer tube (2b) which is to be externally fitted integrally on said inner layer tube (2a), said die (11) enabling the molding of a multi-layer tube (2) by these inner and outer layer tubes (2a, 2b), said extrusion molding apparatus for resin multi-layer tube being characterized in that inner and outer extrusion ports (17, 18) constituting the respective front ends of said inner and outer layer tube molding passages (9, 10) are disposed radially close to each other and are opened forwardly of the front end surface (19) of the die (11) separately from each other.
- [2] In an extrusion molding apparatus for a resin multi-layer tube, with said die (11) formed with a through-hole (24) longitudinally extending through said die (11) and inwardly of said inner layer tube molding passage (9), said multi-layer tube being externally fitted on a core material (25) forwardly passing through said through-hole (24),
an extrusion molding apparatus as set forth in Claim 1, characterized in that said inner extrusion port (17) of said inner layer tube molding passage (9) is disposed radially close to the front end opening (26) radially constituting the front end of said through-hole (24).
- [3] An extrusion molding apparatus for a resin multi-layer tube, as set forth in Claim 1 or 2, characterized in that another die (30) is installed which is disposed forwardly

of said die (11) and having a die hole (29) communicating with said inner and outer extrusion ports (17, 18).

- [4] An extrusion molding apparatus for a resin multi-layer tube, as set forth in Claim 1 or 2, characterized in that the front vicinity of said outer extrusion port (18) of said outer layer tube molding passage (10) is radially outwardly opened.